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Henny et al.

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(54) **EPIPREMNUM PLANT NAMED ‘UFM12’**

(50) Latin Name: *Epipremnum aureum*
Varietal Denomination: **UFM12**

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(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **12/316,132**

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(51) **Int. Cl.**

A01H 5/00 (2006.01)

(52) **U.S. Cl.** **Plt./373**

(58) **Field of Classification Search** **Plt./373**
See application file for complete search history.

Primary Examiner—Annette H Para

(57) **ABSTRACT**

A new *Epipremnum* plant particularly distinguished by having small variegated leaves with three different colors, irregularly undulated rather than smooth leaf surfaces, and compact and dense growth habit, is disclosed.

2 Drawing Sheets

1

**ACKNOWLEDGEMENT OF FEDERAL
RESEARCH SUPPORT**

This invention was made with government support under 5
FLA-APO-04158 awarded by the Cooperative State
Research, Education, and Extension Service, USDA. The
government has certain rights in the invention.

Genus and species: *Epipremnum aureum*.

Variety denomination: ‘UFM12’.

BACKGROUND OF THE NEW PLANT

The invention relates to a new and distinct variety of
Epipremnum plant, botanically known as *Epipremnum* 15
aureum and hereinafter referred to by the variety denomina-
tion of ‘UFM12’. ‘UFM12’ originated by exposing cuttings
of *Epipremnum aureum* cultivar ‘Marble Queen’, not pat-
ented, to gamma-ray radiation from a Colbalt 60 source at the
Florida Accelerator Services and Technology Division of 20
Plant Industry; Florida Department of Agriculture and Con-
sumer Services in Gainesville, Fla. After treatment, the cut-
tings were grown in a controlled environment in Apopka, Fla.
The inventors selected the new *Epipremnum* approximately 1
year later as a single branch mutation within the population of
treated plants.

Asexual reproduction of the new cultivar by tip cuttings in
a controlled environment in Apopka, Fla. has shown that the
unique features of this new *Epipremnum* are stable and repro-
duced true to type in successive generations of asexual repro-
duction.

Plant Breeder’s Rights for this cultivar have not been
applied for. ‘UFM12’ has not been made publicly available
more than one year prior to the filing of this application.

SUMMARY OF THE INVENTION

The cultivar ‘UFM12’ has not been observed under all
possible environmental conditions. The phenotype may vary
somewhat with variations in environment such as tempera-
ture and light intensity, without, however, any variance in
genotype. 40

2

The following traits have been repeatedly observed and are
determined to be the unique characteristics of ‘UFM12’.
These characteristics in combination distinguish ‘UFM12’ as
a new and distinct cultivar of *Epipremnum*:

1. Small variegated leaves with three different colors.
2. Leaf surfaces tend to be irregularly undulated rather than
smooth.
3. Compact and dense growth habit.

DESCRIPTION OF THE PHOTOGRAPHS

This new *Epipremnum* plant is illustrated by the accompa-
nying photographs which show the plant’s overall appear-
ance. These photographs show the colors as true as it is
reasonably possible to obtain in colored reproductions of this
type. Colors in the photographs may differ slightly from the
color values cited in the detailed botanical description which
accurately describe the colors of the new *Epipremnum*. 15

FIG. 1 shows a side perspective view of 3 typical plants of
‘UFM12’ grown in a 12 cm diameter containers.

FIG. 2 shows a close-up view of typical vines and typical
foliar variegation of ‘UFM12’. 25

DESCRIPTION OF THE NEW CULTIVAR

The following detailed description sets forth the distinctive
characteristics of ‘UFM12’ with color terminology in accord-
ance with The Royal Horticultural Society Colour Chart,
2001 Edition, except where general terms of ordinary signifi-
cance are used. The aforementioned photographs and follow-
ing observations and measurements describe plants grown in
containers in Apopka, Fla. during the spring and early sum-
mer in a glass-covered greenhouse. Plants were grown using
practices and under conditions that approximate those gener-
ally used in commercial *Epipremnum* production. During the
production of the plants, day temperature ranged from about
29° C. to 35° C., night temperature ranged from about 18° C.
to 26° C. and light levels were about 2,500 foot-candles.